IN THE CLAIMS

Please amend the claims as follows:

- 1. (Currently Amended) A lubricating oil composition comprising:
- (A) a base oil comprising a hydrocarbon compound having a cohesive energy density at 40°C of 0.180 GPa or more, said base oil having a kinematic viscosity at 40°C of 5 to 150 mm²/s, and
- (B) a phosphoric ester containing a hydrocarbon group having a thioether bond, wherein said base oil (A) comprises at least one compound selected from the group consisting of (i) dimerized norbornanes, (ii) hydrogenated dimers, trimers and tetramers of norbornanes and/or norbornenes.
- 2. (Previously Presented) A lubricating oil composition according to claim 1, wherein said cohesive energy density (CED) at 40°C is calculated from the following formula (1):

CED (GPa) = $0.0204(d/MW)\cdot T\cdot ln(2.51\eta\cdot MW)$ (1) wherein d is a density (g/cm³) at 40°C; MW is a molecular weight (g/mol); T is an absolute temperature (K); and η is a kinematic viscosity (mm²/s) at 40°C.

- 3. (Currently Amended) A lubricating oil composition according to claim 1 or 2, wherein said base oil (A) comprises at least one compound selected from the group consisting of (i) dimerized norbornanes, (ii) hydrogenated dimers, trimers and tetramers of norbornanes and/or norbornenes, (iii) alkane derivatives having 2 or more cyclohexane rings, and (iv) alkane derivatives having one or more decalin rings and one or more cyclohexane rings.
- 4. (Previously Presented) A lubricating oil composition according to any one of claims 1 or 2, wherein said phosphoric ester (B) containing a hydrocarbon group having a

thioether bond is an acid phosphoric ester or phosphorous ester represented by the general formula (II):

$$R^{8}O \longrightarrow P = (= O)_{r} \cdots (II)$$

wherein r is 0 or 1; when r is 0, A is a hydroxyl group, and when r is 1, A is a hydrogen atom or a hydroxyl group; and R⁷ and R⁸ are respectively a hydrogen atom or a hydrocarbon group having 1 to 18 carbon atoms which may have one or more thioether bonds, and at least one of R⁷ and R⁸ is the hydrocarbon group having a thioether bond.

- 5. (Previously Presented) A lubricating oil composition according to claim 11, wherein said composition comprises at least one compound selected form the group consisting of phosphoric esters containing an alkyl group having 3 to 12 carbon atoms or an aryl group having 6 to 12 carbon atoms, and amine salts thereof.
- 6. (Previously Presented) A lubricating oil composition for continuously variable transmission according to claim 11, wherein said composition comprises overbased calcium sulfonate having a base value of 50 to 700 mg KOH/g.
- 7. (Previously Presented) A lubricating oil composition according to claim 1 or 2, further comprising (D) a sulfur containing anti-wear agent.
- 8. (Previously Presented) A lubricating oil composition according to claim 1 or 2, wherein said lubricating oil composition is a lubricating oil composition for a metallic belt type continuously variable transmission.

- 9. (Previously Presented) A lubricating oil composition according to claim 1 or 2, wherein said lubricating oil composition is a lubricating oil composition for a chain type continuously variable transmission.
- 10. (Previously Presented) A lubricating oil composition according to claim 1 or 2, wherein said lubricating oil composition is a lubricating oil composition for a traction drive type continuously variable transmission.
- 11. (Previously Presented) A lubricating oil composition according to claim 1 or 2, wherein said composition further comprises (C) at least one compound selected from the group consisting of phosphoric esters and amine salts thereof, and an overbased calcium sulfonate.
- 12. (Previously Presented) A lubricating oil composition according to claim 1 or 2, wherein said lubricating oil composition is a lubricating oil composition for a continuously variable transmission.
- 13. (New) A lubricating oil composition according to claim 1, wherein said base oil (A) comprises at least one compound selected from the group consisting of hydrogenated dimers, trimers and tetramers of norbornanes.
- 14. (New) A lubricating oil composition according to claim 1, wherein said base oil
 (A) comprises at least one compound selected from the group consisting of hydrogenated dimers, trimers and tetramers of norbornenes.